

# OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

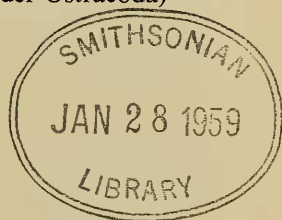
*Edited by*

FRANCIS HEMMING, C.M.G., C.B.E.

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## OPINION 533

Designation under the Plenary Powers of a type species for the genus *Candona* Baird, [1846], in harmony with accustomed usage and validation under the same Powers to *Herpetocypris* of the generic name *Erpetocypris* Brady & Norman, 1889 (Class Crustacea, Order Ostracoda)



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# INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

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Mr. P. C. SYLVESTER-BRADLEY (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. HOLTHUIS (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*)  
(12th August 1953)

Dr. K. H. L. KEY (*Commonwealth Scientific and Industrial Research Organisation, Canberra, A.C.T., Australia*) (15th October 1954)

Dr. Alden H. MILLER (*Museum of Vertebrate Zoology, University of California, U.S.A.*)  
(29th October 1954)

Doc. Dr. Ferdinand PRANTL (*Národní Museum V Praze, Prague, Czechoslovakia*) (30th  
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(6th November 1954)

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Professor Enrico TORTONESE (*Museo di Storia Naturale, "G. Doria," Genova, Italy*)  
(16th December 1954)

## OPINION 533

DESIGNATION UNDER THE PLENARY POWERS OF A  
TYPE SPECIES FOR THE GENUS "CANDONA" BAIRD,  
[1846], IN HARMONY WITH ACCUSTOMED USAGE  
AND VALIDATION UNDER THE SAME POWERS  
TO "HERPETOCYPRIS" OF THE GENERIC  
NAME "ERPETOCYPRIS" BRADY & NORMAN,  
1889 (CLASS CRUSTACEA, ORDER  
OSTRACODA)

**RULING** :—(1) The following action is hereby taken  
under the Plenary Powers :—

- (a) All selections of type species for the nominal  
genus *Candona* Baird, [1846] (Class Crustacea,  
Order Ostracoda), made prior to the present  
Ruling are hereby set aside and the nominal  
species *Cypris candida* Müller (O.F.), 1776, is  
hereby designated to be the type species of the  
above genus ;
- (b) The Original Spelling *Erpetocypris* Brady &  
Norman, 1889, is hereby suppressed for the  
purposes of the Law of Priority but not for those  
of the Law of Homonymy and the emendation  
of that name to *Herpetocypris* is hereby  
validated.

(2) The under-mentioned generic names are hereby  
placed on the *Official List of Generic Names in Zoology*  
with the Name Numbers severally specified below :—

- (a) *Candona* Baird, [1846] (gender : feminine) (type  
species, by designation under the Plenary Powers  
in (1)(a) above : *Cypris candida* Müller (O.F.),  
1776) (Name No. 1320) ;
- (b) *Herpetocypris* (emendation under the Plenary Powers  
in (1)(b) above of *Erpetocypris*) Brady & Norman,

1889 (gender : feminine) (type species, by original designation : *Cypris reptans* Baird, [1836]) (Name No. 1321) ;

- (c) *Typhlocypris* Vejdovský, 1882 (gender : feminine) (type species, by monotypy : *Cypris eremita* Vejdovský, 1880) (for use by any specialist who may regard *Typhlocypris* Vejdovský, 1882, as representing a taxon distinct from *Candonia* Baird, [1846]) (Name No. 1322).

(3) The under-mentioned specific names are hereby placed on the *Official List of Specific Names in Zoology* with the Name Numbers severally specified below :—

- (a) *candida* Müller (O.F.), 1776, as published in the combination *Cypris candida* (specific name of type species of *Candonia* Baird, [1846]) (Name No. 1587) ;
- (b) *reptans* Baird, [1836], as published in the combination *Cypris reptans* (specific name of type species of *Herpetocypris* Brady & Norman, 1889) (Name No. 1588) ;
- (c) *eremita* Vejdovský, 1880, as published in the combination *Cypris eremita* (specific name of type species of *Typhlocypris* Vejdovský, 1882) (Name No. 1589).

(4) The under-mentioned family-group names are hereby placed on the *Official List of Family-Group Names in Zoology* with the Name Numbers severally specified below :—

- (a) CANDONINAE Kaufmann, 1900 (type genus *Candonia* Baird, [1846]) (Name No. 250) ;
- (b) HERPETOCYPRIDINAE Kaufmann, 1900 (type genus : *Herpetocypris* Brady & Norman, 1889) (Name No. 251).

(5) The under-mentioned generic name is hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name Number 1221:—

*Erpetocypris* Brady & Norman, 1889 (an Original Spelling for *Herpetocypris*, suppressed under the Plenary Powers in (1)(b) above for the purposes of the Law of Priority but not for those of the Law of Homonymy).

## I. THE STATEMENT OF THE CASE

On 22nd March 1956 there was received in the Office of the Commission a preliminary application for the use by the Commission of the Plenary Powers for the purpose of designating a type species in harmony with accustomed usage for the genus *Candona* Baird, [1846] (Class Crustacea, Order Ostracoda) prepared by Mr. P. C. Sylvester-Bradley (*University of Sheffield, England, and then of the University of Kansas, Lawrence, Kansas, U.S.A.*). After an exchange of correspondence between the Secretary and the applicant which led to the clarification of certain matters dealt with in this case, the application was submitted to the Commission in final form by Mr. Sylvester-Bradley on 2nd May 1956. The revised application, so submitted, was as follows :—

**Proposed use of the Plenary Powers to designate for the genus “*Candona*” Baird, [1846], a type species in harmony with accustomed usage and validation of emendation to “*Herpetocypris*” of the generic name “*Erpetocypris*” Brady & Norman, 1899 (Class Crustacea, Order Ostracoda)**

By P. C. SYLVESTER-BRADLEY

(*University of Sheffield, England, and University of Kansas, U.S.A.*)

Howe (1955 : 26) has recently discovered and reported an early type selection of the genus *Candona* Baird, [1846], which has hitherto been

universally overlooked and which, if now brought into force, as it must be by the strict application of the *Règles* would (a) alter the meaning of the genus *Candona*, which for a hundred years has stood for one of the most abundant and cosmopolitan of all fresh-water Ostracod genera; and (b) lead to the suppression of another very well-known fresh-water genus, *Erpetocypris* Brady and Norman, 1889. The purpose of the present application is to suppress this newly-discovered type selection so that these two well-known generic names can be retained with their long accustomed meaning.

2. The generic name *Candona* was proposed by Baird (1846a : 152, 153) for four species and one *nomen nudum*. The four species in question were *Cypris candida* Müller (O.F.), 1776 (: 199); *C. reptans* Baird, [1836] (: 99); *C. hispida* Baird, 1836; and *C. detecta* Müller (O.F.), 1776.

3. One of these species (*Cypris reptans* Baird, [1836]) was selected by Baird (1846b : 414) as type species. Baird's selection has been entirely overlooked, however, until its recent discovery by Howe (1955 : 26) who states: "Baird's designation of a genotype was probably the first such designation in the field of ostracods, and under the Rules should hold".

4. Nevertheless, the genus *Candona* has never been interpreted in the light of Baird's type-selection, but by that of Brady and Norman (1889 : 98) who selected *Cypris candida* Müller as type species. With this interpretation the genus has become perhaps the best known and most abundant and widely distributed of all fresh-water Ostracods. G. W. Müller (1912) in his comprehensive work on the Ostracoda of the World describes forty-two species of *Candona*, and lists another fourteen species under the name of the genus, while Klie (1938) described forty-one species and named varieties from Germany alone.

5. *Candona* was made type genus of the nominal family-group taxon CANDONINAE almost simultaneously by Kaufmann (1900 : 107, 108), Müller (1900 : 12, 13) and Daday (1900 : 205).

6. At the same time as they selected *Cypris candida* as type species of *Candona*, Brady and Norman (1889 : 84) erected a new genus, *Erpetocypris*, with *Cypris reptans* Baird as type species. Sars (1890 : 34) amended the spelling of the name to *Herpetocypris* and under one spelling or the other the genus has become very well known. The type species itself has been recorded from Europe, North Africa, North America, South America, Persia and Japan, and is also a known fossil.

7. *Herpetocypris* was made type genus of the nominal family-group taxon HERPETOCYPRIDINAE by Kaufmann (1900 : 105).

8. If Howe's discovery of Baird's selection of *Cypris reptans* as type species of *Candona* were to be brought into action, the name would have to be transferred from the large group of species which for the last hundred years it has signified, and take the place of *Herpetocypris*, which would disappear as an objective synonym. At the same time another name would need to be found for the genus at present known as *Candona*. Howe (1955 : 71) suggests *Typhlocypris* Vejdovský (1882 : 64) (type species *Cypris eremita* Vejdovský, 1800 : L), a name which has for the last fifty years been abandoned as a junior subjective synonym of *Candona*. (In this connection it must be noted that Neave (S.A.), 1940 (*Nomencl. zool.* 4 : 601) was in error in citing the name *Typhlocypris* Vejdovský as having been first published in 1880 in the paper "Opuvodu fauny studnickne, Prague, xlix". Reference to this paper which was published in the volume for 1880 of the *Jahresb. K. böhm. Ges. Wiss.* (: XLIX-LVI) shows that the name *Typhlocypris* did not appear in it.) The family-group names would be affected in the same manner. These nomenclatorial changes would cause disastrous confusion.

9. It is therefore recommended that the International Commission use its Plenary Powers to direct that all type selections made previous to that of Brady and Norman (1889) in respect of the genus *Candona* should be regarded as invalid, thus preserving for the name in question as well as for the name *Herpetocypris* their accustomed meaning.

10. At the same time it is desirable that the Commission should stabilize the spelling of the name *Herpetocypris*. Within the meaning of the definitions introduced at Copenhagen, *Erpetocypris* is a *Valid Original Spelling* and *Herpetocypris* is an *Invalid Emendation*. The emendation was made first by Sars (1890 : 34) without comment. Clause (1893 : 198, footnote) makes the same emendation, and Brady and Norman themselves, in the second part of their work, say "In Part I, for *Erpetocypris* read partim *Herpetocypris*" (Brady and Norman, 1896 : 772, footnote). Since that time both spellings have been in use, but *Herpetocypris* has been the more popular. All the main Ostracod handbooks use *Herpetocypris* (e.g. Müller, 1912 ; Sars, 1925—1928 ; Klie, 1938) and in the author's card index there are five times the number of papers which use *Herpetocypris* to those which use the original spelling. It therefore seems advisable to ask the Commission, in the interests of stability, to use their Plenary Powers to validate the emendation to *Herpetocypris*. It will be seen from the Appendix that a majority of the taxonomists who support this application so far as it refers to the type species of *Candona* also support the recommendation to validate the spelling *Herpetocypris*. The feeling expressed is not strong, however, and there is reason in the arguments put forward by Dr. Oertli (Appendix, paragraph (2)(c))

for the retention of *Erpetocypris*. There are two important points on which all who have been consulted seem to agree :—

- (1) that a definite official pronouncement should be made authorizing one spelling or the other and thus ending any uncertainty as to which name should be used in the future ; preference as to which of the two spellings should be authorized is of secondary importance ;
- (2) that the family name based on the taxon should be spelled in the same way as the genus ; if *Erpetocypris* were to be chosen as the authorized spelling of the generic name, this would necessitate use of the Plenary Powers for the suppression of the family group name, HERPETOCYPRIDINAE, Kaufmann, 1900, in favour of a new name, ERPETOCYPRIDINAE, since *Herpetocypris* would be an objective synonym of *Erpetocypris*, and as such by the provisions affecting family-group names made at Copenhagen, would be an available name for the type-genus of a family-group name ; HERPETOCYPRININAE would thus be a senior objective synonym of ERPETOCYPRIDINAE.

11. Accordingly the International Commission is requested :—

- (1) to use its Plenary Powers (a) to set aside all type-selections for the genus *Candona* Baird, [1846], made prior to the ruling now asked for, and having done so, to designate *Cypris candida* Müller (O.F.), 1776, to be the type species of the foregoing genus and (b) to validate the currently accepted emendation *Herpetocypris* for the generic name *Erpetocypris* Brady and Norman, 1889 ;
- (2) to place the following names on the *Official List of Generic Names in Zoology* :—
  - (a) *Candona* Baird, [1846], (gender : feminine) (type species by designation under the Plenary Powers under (1)(b) above : *Cypris candida* Müller (O.F.), 1776) ;
  - (b) *Herpetocypris* (emend. of *Erpetocypris*) Brady and Norman, 1889 (gender : feminine) (type species, by original designation : *Cypris reptans* Baird, [1836]) ;
  - (c) *Typhlocypris* Vejdovský, 1882 (gender : feminine) (type species, by monotypy : *Cypris eremita* Vejdovský, 1880) (for use by any specialist who may regard *Typhlocypris* as representing a taxon distinct from *Candona* Baird, [1846]) ;
- (3) to place the following specific names on the *Official List of Specific Names in Zoology* :—
  - (a) *candida* Müller (O.F.), 1776, as published in the combination *Cypris candida* (specific name of type species of *Candona* Baird, [1846]) ;



- (b) *reptans* Baird, [1836], as published in the combination *Cypris reptans* (specific name of type species of *Herpetocypris* Brady and Norman, 1889);
- (c) *eremita* Vejdovský, as published in the combination *Cypris eremita* (specific name of type species of *Typhlocypris* Vejdovský, 1882);
- (4) to place the following names on the *Official List of Family-Group Names in Zoology* :—
- (a) CANDONINAE Kaufmann, 1900 (type genus: *Candona* Baird, [1846]);
- (b) HERPETOCYPRIDINAE Kaufmann, 1900 (type genus: *Herpetocypris* Brady and Norman, 1889);
- (5) to place the name *Erpetocypris* Brady and Norman, 1889 (an original spelling suppressed under the Plenary Powers under (1)(b) above) on the *Official Index of Rejected and Invalid Generic Names in Zoology* for the purposes of the Law of Priority, but not for those of the Law of Homonymy.

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- , 1882 "Thierische Organismen Brunnenwässer von Prag" 70 pp. 8 pls.

## APPENDIX

### Support for and Opposition to the foregoing Application

(1) The following taxonomists support the foregoing application in its entirety :—

(a) Dr. Olaf Elofson, Institute of Zoology, Uppsala, Sweden :

I support the proposal in its entirety (8th November 1955) ;

(b) Dr. J. P. Harding, British Museum (Natural History) :

I am prepared to support this application in its entirety. I regard it as essential that the proposal with regard to *Candona* be accepted. With regard to the choice between the spellings *Erpetocypris* and *Herpetocypris* I am relatively indifferent, but prefer the latter and therefore support the present application (13th October 1955) ;

(c) Dr. E. J. Iles, University of Manchester, England :

I unreservedly support the application that the name *Candona* should be validated for the genus with *Cypris candida* Müller as type species. The changes which would result in the taxonomic meaning of the name as a result of the

strict application of the rules of priority, would lead to endless confusion. There seems to be less ground for validation of the spelling *Herpetocypris* rather than *Erpetocypris* which has priority. Though both derivations of the roots would seem to be acceptable, *Herpetocypris* would seem to more nearly follow usual practice. For that reason I support the application that the emended spelling *Herpetocypris* should be validated (21st October 1955) ;

- (d) Dr. Robert V. Kesling, Museum of Paleontology, University of Michigan, U.S.A. :

I am particularly anxious that the proposal be approved, inasmuch as I have a paper in process on the morphology and dimorphism in a species that belongs in the genus *Candona*, as commonly accepted. If there is sufficient evidence to determine the original author of CANDONINAE, this information might well be included in the proposal. I support this proposal enthusiastically (24th September 1955) ;

- (e) Dr. A. J. Key, Geological Institut, Rijksuniversiteit van Utrecht, Netherlands :

I declare that I quite agree to all details within the application of Prof. Dr. P. C. Sylvester-Bradley, to designate *Cypris candida* O. F. Müller as the type species of the ostracode genus *Candona* Baird, 1845. As argued by Prof. Sylvester-Bradley, recognition of Baird's type selection would cause an endless confusion, because it is concerned with two of the best known freshwater ostracode genera, i.e. *Candona* and *Herpetocypris*. As to the spelling of the generic name *Erpetocypris* Brady and Norman, 1889, I prefer the currently accepted spelling *Herpetocypris* (26th September 1955) ;

- (f) Dom Remacle Rome, Louvain, Belgium (23rd September 1955) ;

- (g) Prof. Dr. Giuliano Ruggieri, University of Bologna, Italy (26th October 1955) ;

- (h) Dr. Robert H. Shaver, University of Mississippi, U.S.A. :

I should like to go on record entirely in support of your proposals as a result of conditions as stated (22nd September 1955).

(2) The following taxonomists support the foregoing application in all respects except for the suppression of the spelling *Erpetocypris* in favour of *Herpetocypris*, which they oppose :—

- (a) Dr. N. Grekoff, Institut Français du Pétrole, Rueil-Malmaison, France :

D'accord pour le génotype de *Candona*, pour lequel vous proposez d'indiquer l'espèce *candida*, admis par l'usage.

Je crois qu'il est préférable de garder *Erpetocypris* au lieu d'*Herpetocypris*, mais ici, je m'inclinerai devant l'avis de la majorité des spécialistes de la question. La difficulté serait de trouver un nom de sous-famille (? *Herpetocypridinae* ou *Erpetocypridinae*). Cependant, avec Z. Bronstein (1947, p. 143) je place le genre *Erpetocypris* dans le sous-famille des *Cypridinae* G. W. Müller, 1894, *Candona* étant le type de la sous-famille *Candoninae* Kaufmann 1900 (14th October 1955) ;

- (b) Dr. Ivar Hessland, Geologiska Institutet, Stockholms Högskola, Sweden :

As a matter of principle I am for the original spelling of *Herpetocypris*, i.e. *Erpetocypris*. I am very much against suppression of designations of type species, but may agree to your proposal in this particular case, viz. with regard to *Candona* (6th October 1955) ;

- (c) Dr. H. Oertli, Bern, Switzerland :

I fully support the proposal clearing the position and validity of *Candona*. On the other hand, I should prefer the spelling *Erpetocypris*. This, the correct spelling, has not been forgotten for dozens of years, but has been applied by about all who were conscious of the differences between *Herpetocypris* and *Erpetocypris*. I think that most who wrote *Herpetocypris* have taken this name over from other authors, i.e., without going to the "source". In the last few years more and more *Erpetocypris* has been used. I should prefer therefore not to stop this development in applying the right name, but to declare it officially as the preferable one (24th September 1955) ;

(3) Dr. Henry V. Howe, Louisiana State University, U.S.A., while not wishing to make formal opposition to the application, feels that "Baird's designation should stand as a clear, definite landmark in the history of ostracod research, as Baird was the first man in the field to realize the importance of precise definition (2nd October 1955)". Dr. F. M. Swain, University of Minnesota, U.S.A., agrees with Dr. Howe.

## II. THE SUBSEQUENT HISTORY OF THE CASE

**2. Registration of the present application :** Upon the receipt of Mr. Sylvester-Bradley's preliminary enquiry the question of

the designation of a type species in harmony with accustomed usage for the genus *Candona* Baird, [1846] (Class Crustacea, Order Ostracoda) was allotted the Registered Number Z.N.(S.) 1022.

**3. Publication of the present application :** The present application was sent to the printer on 9th May 1956 and was published on 24th August of that year in Double-Part 7/8 of Volume 12 of the *Bulletin of Zoological Nomenclature* (Sylvester-Bradley, 1956, *Bull. zool. Nomencl.* **12** : 206—212).

**4. Issue of Public Notices :** Under the revised procedure prescribed by the Thirteenth International Congress of Zoology, Paris, 1948 (1950, *Bull. zool. Nomencl.* **4** : 51—56), Public Notice of the possible use by the International Commission on Zoological Nomenclature of its Plenary Powers in the present case was given on 24th August 1956 (a) in Double-Part 7/8 of Volume 12 of the *Bulletin of Zoological Nomenclature* (the Part in which Mr. Sylvester-Bradley's application was published) and (b) to the other prescribed serial publications. In addition such Notice was given to four general zoological serial publications.

**5. Comments received :** As reference to the application reproduced in the first paragraph of the present *Opinion* will show, the views of thirteen specialists were obtained on the present case before the submission by Mr. Sylvester-Bradley of his application to the Commission. Of these, eleven supported the proposals submitted in regard to the name *Candona*. Of these eleven specialists, three, however, supported the retention of the original spelling *Erpetocypris* as against the emendation *Herpetocypris*. The remaining two specialists out of the thirteen referred to above were opposed to the proposals relating to the name *Candona*. After the publication of the present application two communications were received, one signed by three German specialists who supported the proposals submitted in this case, except that regarding the acceptance of the emendation *Herpetocypris*, the other, also from a German specialist, giving full support to all the proposals submitted. The comments

received from the thirteen specialists consulted by Mr. Sylvester-Bradley have been reproduced in full in the Appendix to his application. The documents containing the comments furnished by four German specialists after the publication of Mr. Sylvester-Bradley's application are reproduced in the immediately following paragraphs.

**6. Support received from G. Lüttig, H. Hiltermann and B. Moos (Amt für Bodenforschung, Hannover, Germany) :** On 21st January Dr. G. Lüttig (*Amt für Bodenforschung, Hannover, Germany*) addressed the following letter to the Office of the Commission on behalf of himself and his colleagues, Dr. H. Hiltermann and Dr. B. Moos, of the same institution, in support of the present case :—

Mr. P. C. Sylvester-Bradley has directed some amendments concerning the generic names *Candona* and *Herpetocypris*. I herewith wish to express that I concur with those amendments but with the following exception :—

The generic name *Erpetocypris* Brady & Norman, 1889, should be kept because the alteration of the transcription is no obligation. If numerous authors have chosen the mode of writing "*Herpetocypris*", it is partly due to the fact that they have not "followed up the source". Lately the use of the name *Erpetocypris* has been employed more frequently (Chapman, 1935 ; Beasley, 1945 ; Tressler, 1949 ; Pokorny, 1952 ; Triebel, 1953 ; Lüttig, 1955). Therefore the popularity of the name *Herpetocypris* may be disputed.

**7. Support received from G. Hartmann (Museum der Stadt, Osnabrück, Germany) :** On 14th February 1957 Dr. G. Hartmann (*Museum der Stadt, Osnabrück, Germany*) addressed to Mr. Sylvester-Bradley, the applicant in the present case, a letter in support of three applications recently published in the *Bulletin of Zoological Nomenclature*. The letter in question was communicated to the Office of the Commission and the following extract is that relevant to the present case (Hartmann, 1957, *Bull. zool. Nomencl.* 13 : 104) :—

With regard to your papers on *Limnocythere*, *Candona* and *Conchoecia* it is really lucky that you have reached such good conclusions

in these cases. I think it is best to stabilise the nomenclature of these genera in taking the usual form of the names.

. . . . .

*Candona* : *Candona* and *Herpetocypris* are usual forms of writing. I agree with you and thank you very much for trying to clear the position and validity of *Candona*. It is very good too to know about the validity of *Typhlocypris*. Nevertheless I do not think that a distinction between *Candona* and *Typhlocypris* is necessary.

. . . . .

### III. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

**8. Issue of Voting Paper V.P.(57)29 :** On 15th March 1957 a Voting Paper (V.P.(57)29) was issued in which the Members of the Commission were invited to vote either for, or against, "the proposal relating to the generic name *Candona* Baird, [1846], and associated names, as set out in Points (1) to (5) in paragraph 11 on pages 208 to 209 in Volume 12 of the *Bulletin of Zoological Nomenclature*" [i.e. in the paragraph numbered as above in the paper reproduced in the first paragraph of the present *Opinion*].

**9. The Prescribed Voting Period :** As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 15th June 1957.

**10. Particulars of the Voting on Voting Paper V.P.(57)29 :** At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(57)29 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-three (23) Commissioners (arranged in the order in which Votes were received) :*

Mayr ; Vokes ; Hering ; Boschma ; Lemche ; Bodenheimer ; Riley ; Prantl ; Holthuis ; Dymond ; Esaki ;

Jaczewski ; do Amaral ; Bonnet ; Hemming ; Mertens ; Key ; Tortonese ; Cabrera ; Kühnelt ; Stoll ; Bradley (J.C.) ; Sylvester-Bradley ;

(b) *Negative Votes* :

None ;

(c) *Voting Papers not returned, two (2)* :

Hankó ; Miller.<sup>1</sup>

**11. Declaration of Result of Vote :** On 16th June 1957, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(57) 29, signed a Certificate that the Votes cast were as set out in paragraph 10 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

**12. Preparation of the Ruling given in the present " Opinion " :** On 29th April 1958 Mr. Hemming prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(57)29.

**13. Original References for Generic and Specific Names :** The following are the original references for the generic and specific

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<sup>1</sup> After the close of the Prescribed Voting Period a late vote was received from Commissioner Miller, who voted in favour of the proposals relating to the name *Candona* but against those relating to the emendation of the name *Erpetocypris*.



names placed on *Official Lists* and *Official Indexes* by the Ruling given in the present *Opinion* :—

- candida*, *Cypris*, Müller (O.F.), 1776, *Zool. dan. Prodr.* : 199
- Candona* Baird, [1846], *Hist. Berwickshire Nat. Club* 2(13) : 152, 153
- eremita*, *Cypris*, Vejdovsky, 1880, *Jber. böhm. Ges. Wiss.* 1880 : L
- Erpetocypris* (an Invalid Original Spelling for *Herpetocypris* Brady & Norman, 1889)
- Herpetocypris* Brady & Norman, 1889, *Sci. Trans. roy. Dublin Soc.* (2) 4 : 64
- reptans*, *Cypris*, Baird, [1836], *Hist. Berwickshire Nat. Club* 1(3) : 99
- Typhlocypris* Vejdovský, 1882, *Thierisch. Organism. Brunnenwässer* : 64

**14. Original References for Family-Group Names :** The following are the original references for the family-group names placed on the *Official List of Family-Group Names in Zoology* by the Ruling given in the present *Opinion* :—

- CANDONINAE Kaufman, 1900, *Mitt. Naturf. Ges. Bern* 1900 : 107, 108
- HERPETOCYPRIDINAE Kaufman, 1900, *Mitt. Naturf. Ges. Bern* 1900 : 105

**15. Compliance with Prescribed Procedures :** The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

16. " **Opinion** " **Number** : The present *Opinion* shall be known as *Opinion* Five Hundred and Thirty-Three (533) of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Ninth day of April, Nineteen Hundred and Fifty-Eight.

*Secretary to the International Commission  
on Zoological Nomenclature*

FRANCIS HEMMING